HP CM8060/CM8050 Color MFP with Edgeline Technology

Service Manual

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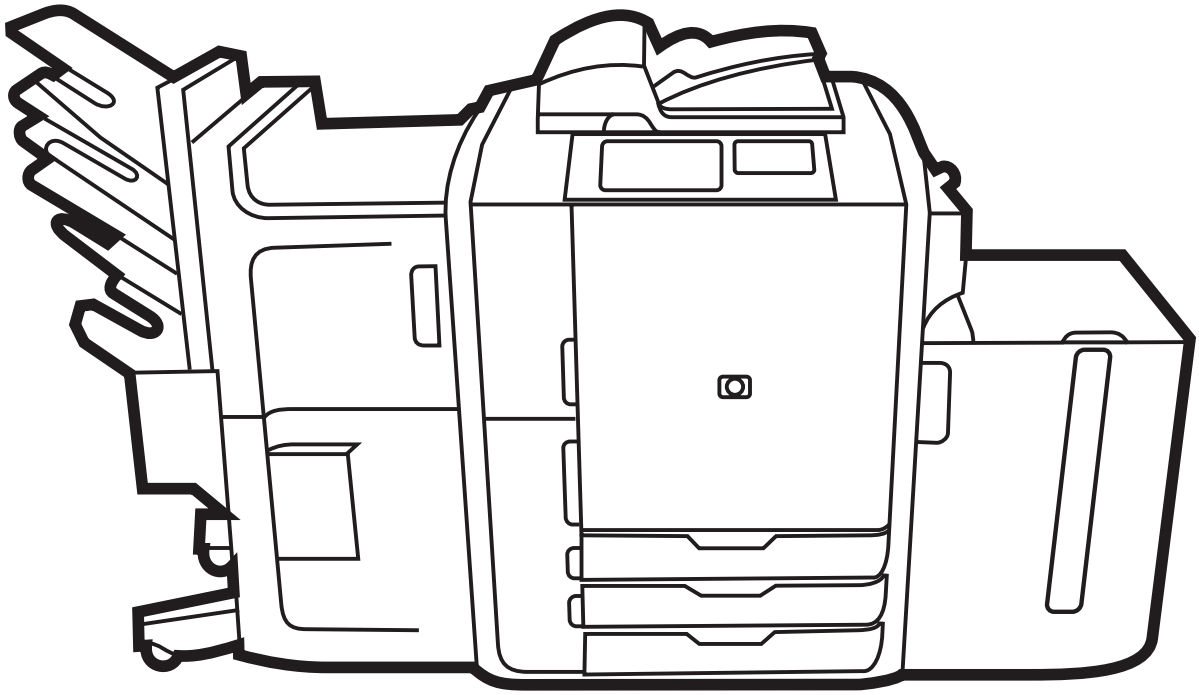

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Safety information

Install the device in a protected location where no one can step on or trip over the power cord, and where the power cord will not be damaged.

Use only a grounded electrical outlet when connecting the device to a power source. If you do not know whether the outlet is grounded, check with a qualified electrician.

When the device is installed in the U.S.A. or Canada, it must be connected to a dedicated 20 Amp circuit.

AC Delta and AC Wye power system statement: The device is designed to use an IT power system.

There is a risk of explosion if the battery is replaced with an incorrect type. Dispose of used batteries according to the instructions.

Warning! Risk of injury from moving parts. Do not reach into the stapler. Do not reach below moving trays.

Document history

Version	Date	Content changes
1.0	01/2007	N/A
1.1	02/2007	• Numerous updates to removal and replacement procedures • Minor corrections to image-quality fault trees • Updated the following error code sections: C0.0101, C0.0102, C0.0103, C0.0104, C0.0105, C0.0106, C1.0101, C1.0102, C2.0201, C3.22A5, D1.0101, D1.0102, and D4.0701. Corrected the path to Upper Elevator diagnostic page in several sections.
1.2	03/2007	• Parts information has moved into a separate document. • Numerous updates to removal and replacement procedures • Tetris sensor calibrations have been updated. • Various error code sections have been updated • Some information concerning a new finisher unit has been added.
1.3	04/2007	• Error code sections: C4.0204, C6.0B02, C3.22A6, C3.22A5, • Updated arious color calibrations • Dryer and heater fan replacement procedures • Tray 5 LS encoder disk removal procedure • NVM backup procedure (re: Automatic Backup) • Wire routing for SIT sensor • Calibrations for stapler alignment and accumulator offset alignment • Tray 5 rollers
1.4	05/18/2007	HP 4-bin Job Separator removal and replacement procedures. Various other updates.
1.5	05/24/2007	Updates to carriage encoder strip adjustments and MFP media messages.

Version	Date	Content changes
2.0	07/2007	The following updates have been made: • HP multifunction finisher lower output Bin 5 belts replacement procedure • HP multifunction finisher input paper path guides replacement procedure
3.0	11/2007	• For firmware releases after (and not including) 20070824 72.024.0. • PPS assembly removal procedure has been updated • Accumulator removal section has been updated • Service intervals for PM items have been updated • CDFT engine calibrations 1 and engine calibrations 2 information has been updated • Pen Health Gauge information has been updated • New deductive trees: 32.08A1, 32.08A2, 32.08A3, D3.0701 • Updated deductive trees: A3.1321, A3.1323, B2.1302, C1.0101, C1.131A, C1.132A, C6.0B01, D1.0101, D1.0102, D2.0AA1, D2.0AA2, D2.0AA3, D2.0AA4, D2.0AA5, D2.0AA6, D4.0701 • IDS air purge procedure has been updated • Coprocessor replacement procedure has been updated • Event Log code addendum has been removed and contents moved to Event Log codes

Version	Date	Content changes
4.0	03/2008	• Updated deductive trees: 32.08A2, 32.08A3, 32.1C01, 32.1C16, 49.0B01, A1.0102, A1.0103, A1.0104, A3.0141, A3.1321, A4.0141, B0.1301, B0.1302, B0.1303, B0.1304, B1.1301, B1.1302, B1.1303, B1.1304, B2.1301, B2.1302, B2.1303, B2.1304, B2.1305, B2.1306, B2.1307, B2.1308, C1.1301, C1.131A, C1.132A, D1.071B, D1.072B, D1.073B, D1.074B, D1.075B, D1.076B, D1.0A1A, D1.0A2A, D1.0A3A, D1.0A4A, D1.0A5A, D1.0A6A, D5.3803, D5.3810 • New deductive trees: 32.1C01, 32.1C02, 32.1C14, 32.1C15, 32.1C16, 32.1C17, 32.1C18, 49.0B05, 49.144D, 49.2F04, 49.4C02, 68.3801, 68.8A20, 68.9449, 99.38E2, A1.0201, A2.203, A3.3839, B2.01A3, C3.22AB, C3.22AC, C3.22AD, C3.22AE, C6.0B04, D5.1045, D5.1047, D5.1051, D5.1058, D5.3810, DD.0215, DD.0237, DD.0432, DD.051D, DD.0710, DD.0802, DD.0804, DD.0926, DD.FFFF, DD.YYZZ, E3.7459, E3.7481 • Updated PM part number for the drop detect spittoon • Added new pen installation process flowchart • Turning the device on and off information has been updated

Version	Date	Content changes
4.1	09/2008	• Updated deductive trees: A2.04A2, A2.04A4, A2.05A1, A3.3839, B2.1306, C3.22A0, C4.0101, E3.7459. • New deductive trees: 49.0B05, D2.0702, F1.0101, F1.0102, F1.0103, F1.01A1, F1.01A2, F1.01A3, F1.0501, F1.0502, F1.0503, F1.0504, F1.0505, F1.0506, F1.0507, F1.0508, F1.05A1, F1.05A2, F1.05A3, F1.05A4, F1.05A5, F1.05A6, F1.05A7, F1.05A8, F2.0101, F2.0102, F2.0103, F2.01A1, F2.01A2, F2.01A3, F2.0501, F2.0502, F2.0503, F2.0504, F2.0505, F2.0506, F2.0507, F2.0508, F2.05A1, F2.05A2, F2.05A3, F2.05A4, F2.05A5, F2.05A6, F2.05A7, F2.05A8.
5.0	2/2009	• Updated **Product information** chapter with: ◦ Added Foreign Interface Harness (FIH) part to back-view table of components (Service Advisory: c01374657) • Updated **CDFT** chapter with: ◦ CDFT preventive maintenance initialization information (Service Notice: c01230192) ◦ Export Data feature (Service Notice: c01287342) ◦ Performance settings feature for roller ink transfer prevention (Service Notice: c01287345) • Updated **Managing and maintenance** chapter with: ◦ Disabling "SNMP Status Enabled" due to warnings

Version	Date	Content changes
		information (Service Advisory: c01153952) ◦ Drum encoder disk scratching information (Service Advisory: c01291969) ◦ Retrofit tag matrix descriptions (Service Notice: c01446489) • Updated **Calibrations and adjustments** chapter with: ◦ Pen assessment and servicing information (Whitepaper c01142282, Service Notice c01287351) ◦ Tray 5 health test information (Service Advisory: c01446697) • Updated **Removal and replacement** chapter with: ◦ New drum spittoon removal information (Service Notice: c01321183) • Updated **Troubleshooting** chapter with: ◦ Tray 1 binding information (Service Action Advisory: c00965924) ◦ Worn actuator arm information (Service Notice: c00965926) ◦ IDO media guide jam information (Service Action Advisory: c01045073) ◦ EWS security alert information (Service Notice: c01066968) ◦ Front door switch causing motor stall information

Version	Date	Content changes
		(Service Advisory: c01536347) • Updated deductive trees: 31.1301, 31.1303, 49.4C02, B2.1303, B2.1306, C0.0101, C0.0102, C0.0103, C0.0104, C0.0105, C0.0106, C1.0101, C1.0204, C1.02A2, C1.02A3, C1.02A4, C1.02A5, C1.0503, C1.1301, C1.1302, C1.1303, C1.131A, C1.132A, C2.0201, C2.0901, C2.09A1, C3.22A5, C4.0101, C4.0201, C4.0202, C4.0203, C4.0204, C4.02A1, C6.0B01, C6.0B02, C6.0B04, D1.0101, D1.0102, D1.0201, D1.0A1B, D1.0A2B, D1.0A3B, D1.0A4B, D1.0A5B, D1.0A6B, D2.01A0, D2.01A1, D2.01A3, D2.01A4, D2.01A6, D2.01A7, D2.0702, D2.0707, D2.0708, D2.0709, D2.0710, D2.0711, D2.0712, D4.0701, D4.0705, D5.1004, D5.1020, D5.1045, D5.1047, E2.5094 (Service Advisory: c01505151), E3.7459 (Service Advisory: c01505151), F1.0101, F1.0102, F1.01A1, F1.01A2, F1.0501, F1.0502, F1.0503, F1.0505, F1.0506, F1.0507, F1.0508, F1.05A1, F1.05A2, F1.05A3, F1.05A5, F1.05A6, F1.05A7, F1.05A8, F2.0101, F2.0102, F2.01A1, F2.01A2, F2.0501, F2.0502, F2.0503, F2.0505, F2.0506, F2.0507, F2.0508, F2.05A1, F2.05A2, F2.05A3, F2.05A5, F2.05A6, F2.05A7, F2.05A8 New deductive tree: 31.1305, 31.1307, 31.1310, 49.144B, 49.205A, 49.4C27, 49.5001, 49.60zz, 68.yyzz, A3.3836 (Service Notice: c01384229), D2.0200, D5.1046, D5.1048, D5.1049, D5.1050, D5.1059, D5.1060, E3.0BF2 (Service Notice: c01076989), F1.01A4, F1.01A5, F2.01A4, F2.01A5 • Added new appendix **Finisher user options** for special case options (Service Advisory: c01481836) • Updated cleaning procedures (these new procedures supersede any previously published procedures)

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